

IN THE ABSTRACT:

Replace the abstract originally provided on the cover sheet of the PCT application with the new abstract as follows: A new abstract numbered page 19 is enclosed for the last page of the application following the claims.

ABSTRACT OF THE DISCLOSURE

A radio telephony network supports at least one link of a radio channel for a packet data transmission service. The radio telephony network has a plurality of network controllers. Each network controller is connected, via an interface to at least one base radio station supervising at least one macrocell. The radio telephony network additionally has at least one base radio microstation connected to the network controller via an interface of the same type as that connecting the base radio station to the controller. The base radio microstation supervises at least one microcell incorporated in at least one macrocell. The base radio microstation provides the packet data transmission service in the microcell on the link of the radio channel, preferably using multicarrier radio access. The multi-carrier radio access is preferably of the OFDM type.

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